Position	Qty.	Description	Single Price
	1	**MTRE 64-2/2 A-F-A-HUUV** **Note! Product picture may differ from actual product** Product No.: 96550066 Multistage, immersible, self-priming, centrifugal pump for vertical installation in tanks etc. **The pump has the following characteristics:** - Installation length according to DIN 5440. - Impellers, intermediate chambers and shaft are made of Edelstahl. - Mechanical shaft seal according to EN 12756. - Power transmission via cast iron split coupling. The pump is fitted with an three-phase motor with frequency converter and PI-controller integrated in the motor terminal box. No additional motor protection is required as both motor and electronics are protected by integrated overload and temperature protection. External sensor can be connected if controlled pump operation based on for example flow, pressure or temperature is required. A control panel enables setting of required setpoint as well as setting of pump to MIN or MAX operation or to STOP. The control panel has indicator lights for "Operation" and "Fault". Communication with the pump is possible by means of Grundfos R100 Remote Control enabling further settings as well as reading out of a number of parameters such as "Actual value", "Speed", "Power input" and total "Power consumption". **The terminal box holds terminals for the connection of:** - Pump start/stop (potential-free contact), - external remote setpoint setting via analog signal, 0 - 5 V, 0 - 10 V, 0(4) - 20 mA, - 5 V voltage supply for setpoint potentiometer, Imax = 5 mA, - sensor, 0 - 5 V, 0 - 10 V, 0(4) - 20 mA, - 24 V voltage supply for sensor, Imax = 40 mA, - input for forced control to MIN, MAX, External fault or Flowswitch (potential-free contact), - potential-free fault signal relay with changeover contact, reporting Fault, Operation or Ready, - RS485 GENIbus. Immersion depth: 249 mmmm **Liquid:** Liquid temperature range: -10 .. 90 °C Density: 1000 kg/m³	Price on request

Position	Qty.	Description	Single Price

Technical:

Speed for pump data:	3000 rpm
Rated flow:	64 m³/h
Rated head:	29.2 m
Shaft seal:	HUUV
Maximum operating pressure:	25 bar

Materials:

Pump head:	Grauguss EN-GJL-200 ASTM 25B
Impeller:	Edelstahl DIN W.-Nr. 1.4301 AISI 304

Installation:

Maximum ambient temperature:	40 °C
Maximum operating pressure:	25 bar
Max pressure at stated temp:	25 bar / 90 °C
Flange standard:	DIN
Pipe connection:	DN 80
Pressure stage:	PN 16
Flange size for motor:	FF265

Electrical data:

Motor type:	132SB
Number of poles:	2
Rated power - P2:	7.5 kW
Power (P2) required by pump:	7.5 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-480 V
Rated current:	14,8-11,6 A
Cos phi - power factor:	0,94-0,95
Rated speed:	480-3500 rpm
Enclosure class (IEC 34-5):	55
Insulation class (IEC 85):	F

Others:

Label:	Grundfos Blueflux
Net weight:	144 kg
Gross weight:	174 kg
Shipping volume:	0.34 m³

Description	Value
Product name:	MTRE 64-2/2 A-F-A-HUUV
Product No:	96550066
EAN number:	5700398640363
Technical:	
Speed for pump data	3000 rpm
Rated flow:	64 m³/h
Rated head:	29.2 m
Impellers:	2
Impeller reduc.:	2
Shaft seal:	HUUV
Maximum operating pressure	25 bar
Stages:	2
Pump version:	A
Model:	A
Materials:	
Pump head:	Grauguss
	EN-GJL-200
	ASTM 25B
Impeller:	Edelstahl
	DIN W.-Nr. 1.4301
	AISI 304
Material code:	A
Installation:	
Maximum ambient temperature:	40 °C
Maximum operating pressure	25 bar
Max pressure at stated temp	25 bar / 90 °C
Flange standard:	DIN
Connect code:	F
Pipe connection:	DN 80
Pressure stage:	PN 16
Flange size for motor:	FF265
Liquid:	
Liquid temperature range	-10 .. 90 °C
Density:	1000 kg/m³
Electrical data:	
Motor type:	132SB
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Rated power - P2:	7.5 kW
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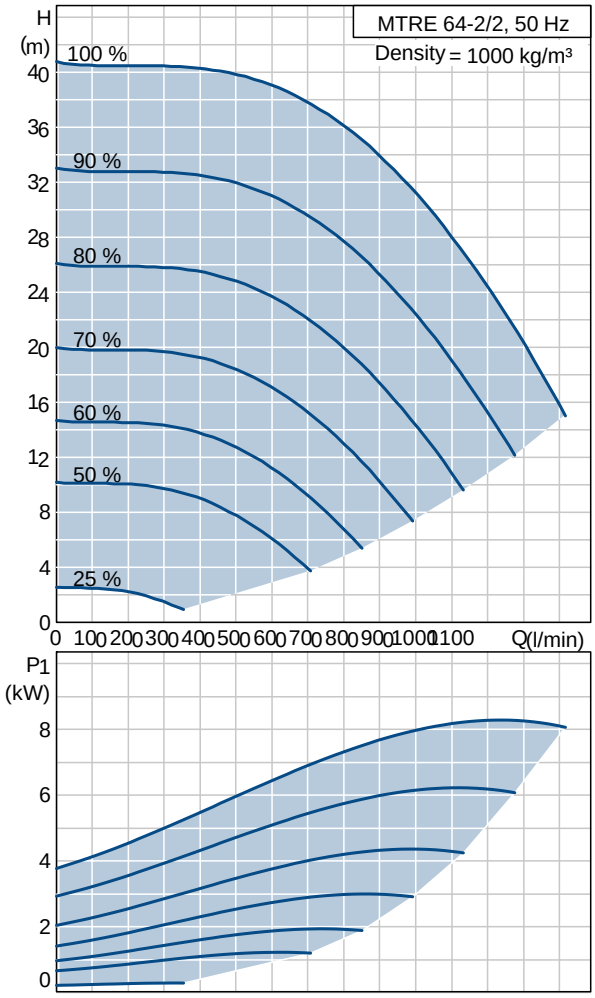
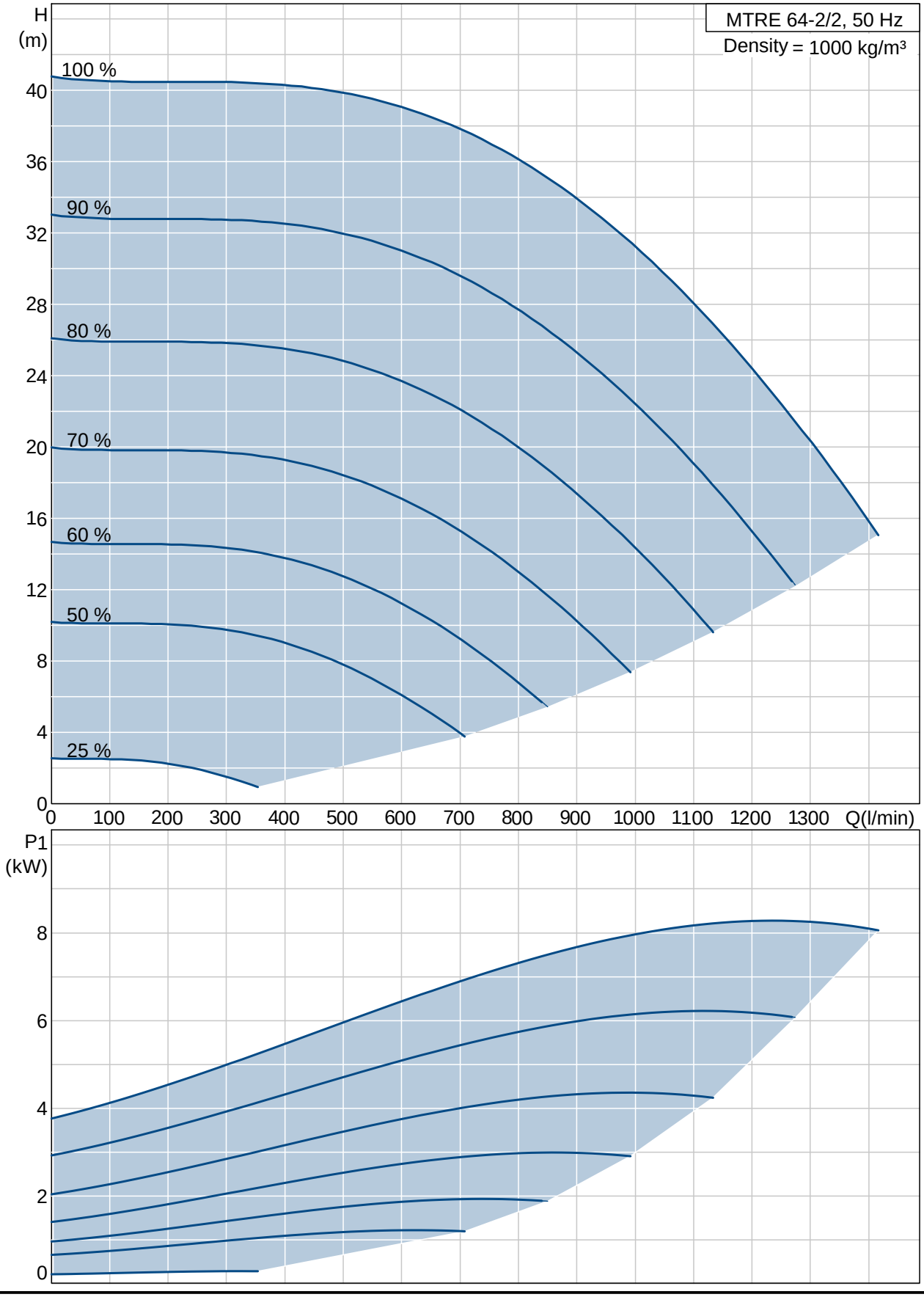
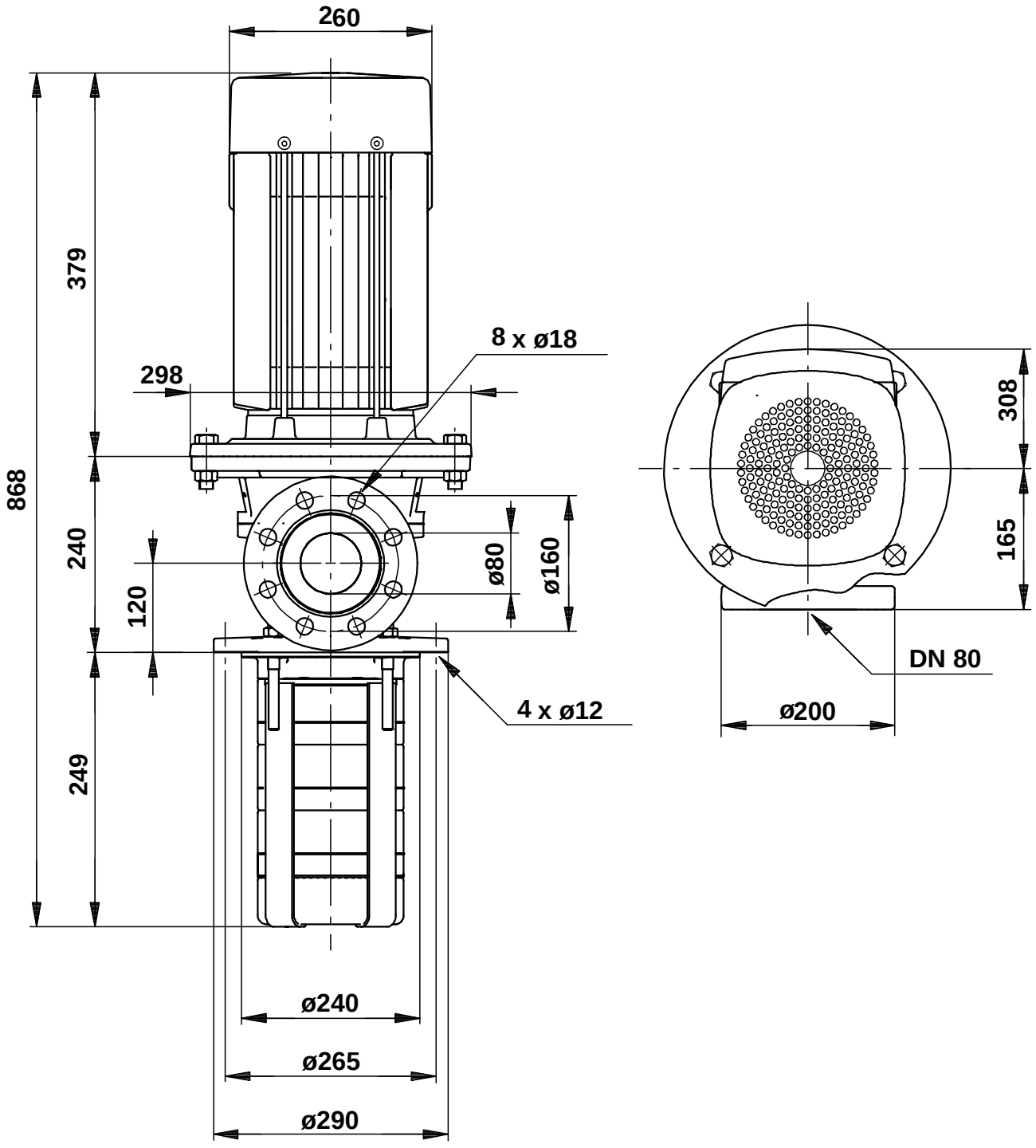
Rated speed:	480-3500 rpm
Enclosure class (IEC 34-5):	55
Insulation class (IEC 85):	F
Motor protec:	keine
Motor No:	85757522
Others:	
Label:	Grundfos Blueflux
Net weight:	144 kg
Gross weight:	174 kg
Shipping volume:	0.34 m³
Config. file no:	96115809



96550066 MTRE 64-2/2 50 Hz



96550066 MTRE 64-2/2 50 Hz



Note! All units are in [mm] unless others are stated.
Disclaimer: This simplified dimensional drawing does not show all details.